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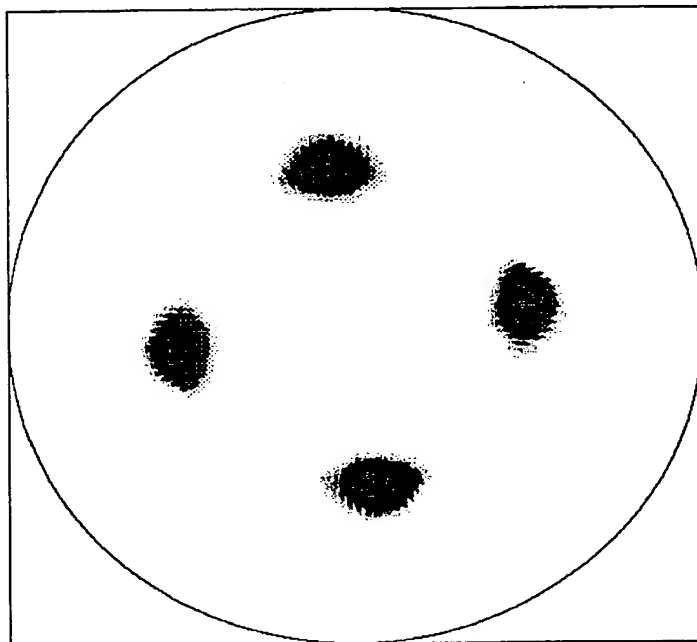


Figure 3.

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(103) Pole Figure of YBCO  
on CCVD STO/Ni

6% of maximum intensity



Pole Figure at 2theta: 32.

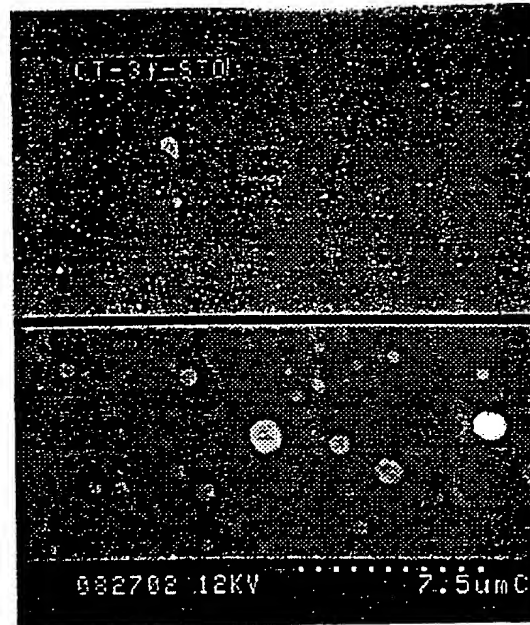
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Created 01/09/99  
Mag,Quad 1 0  
Phi .0000  
Width 2.508  
Counts 1818520  
Time (s) 132.93  
Distance 6.000  
Size 512



Distance 6.000  
FloodFld HL061898  
Spatial HL061898  
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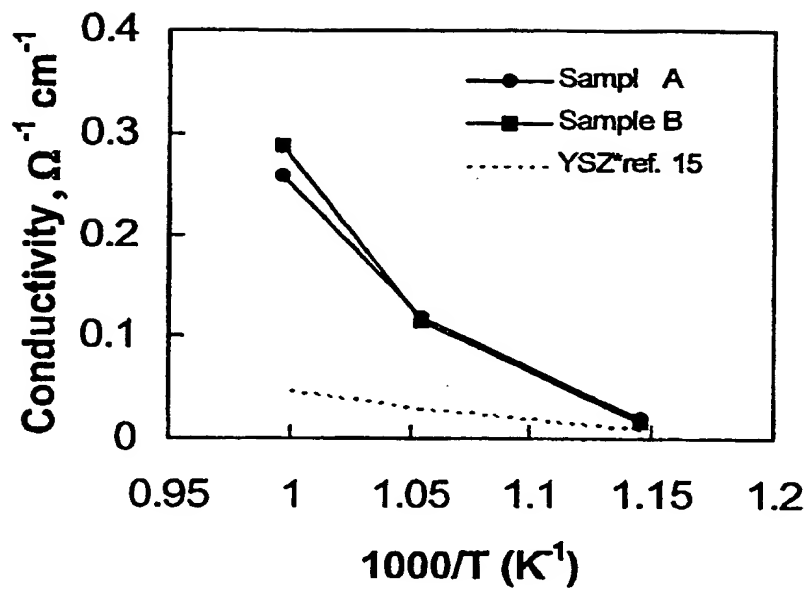
0

Figure 4.

Microstructure of  $\text{SrTiO}_3$  on Ni

TOP SECRET

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**Figure 5**

600

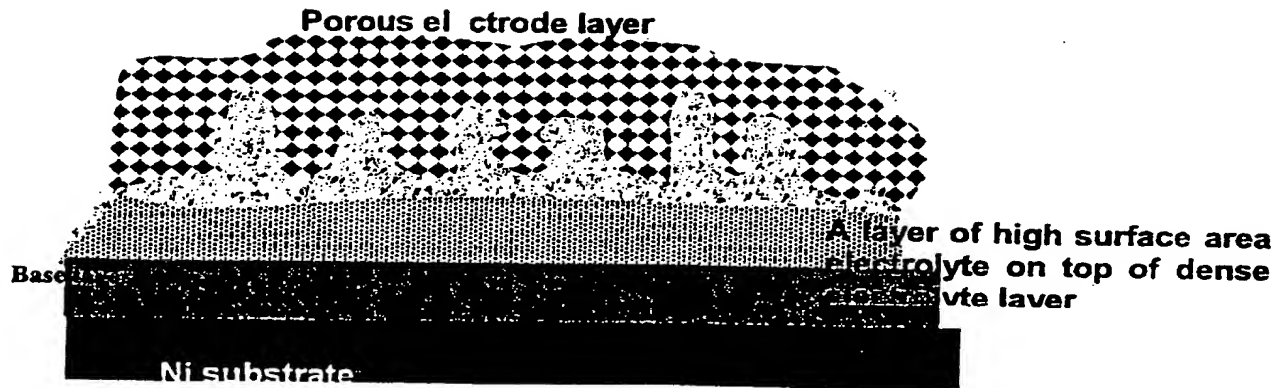


Figure 6

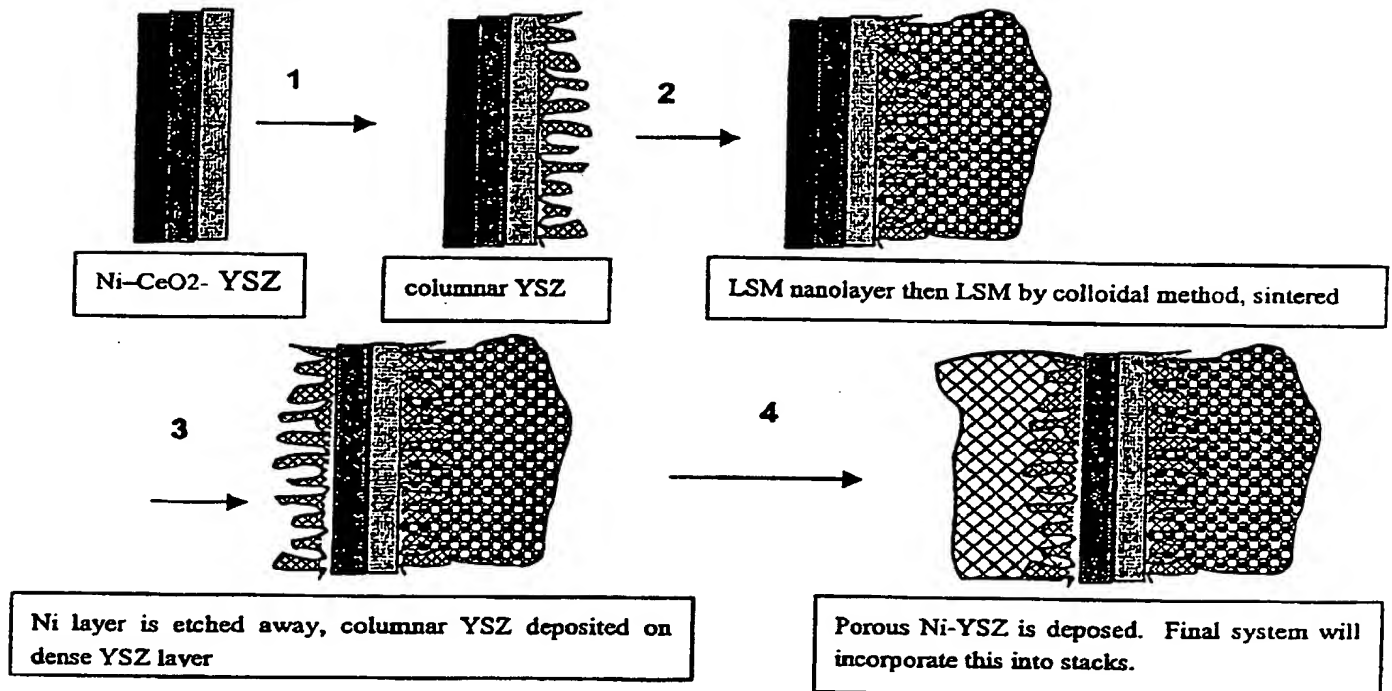


Figure 7

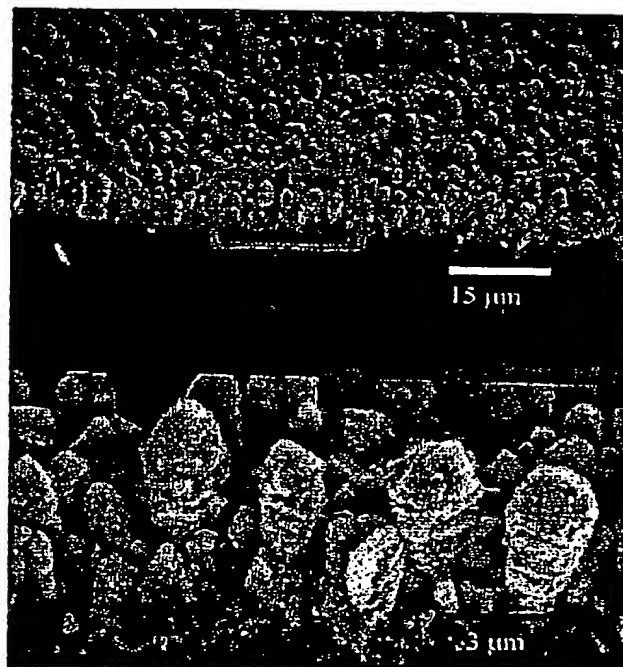


Figure 8